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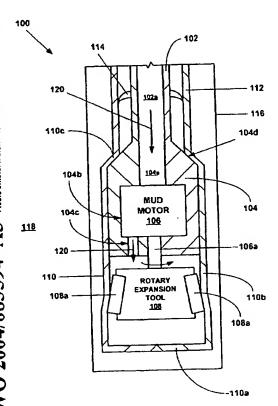
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(54) Title: APPARATUS AND METHOD RADIALLY EXPANDING A WELLBORE CASING USING AN EXPANSION MANDREL AND A RUTARY EXPANSION TOOL



(57) Abstract: An apparatus and method for radially expanding a wellbore easing (112) using an expansion mandrel (104) and a rotary expansion tool (108).

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A. CLASSIFICATION OF SUBJECT MATTER			
IPC(7) : E21B 23/00, 43/10 US CL : 166/380, 382, 207			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)			
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category •	Citation of document, with indication, where ap		Relevant to claim No.
х	US 3,785,193 A (KINLEY et al) 15 January 1974 (15.	/01/1974), Figures 1-3.	2, 4-6 and 8-15
x	US 2.627,891 A (CLARK) 10 February 1953 (10/02/1953), Figures 1 and 4.		2, 4-6 and 8-15
	00 2.021,000 11 (02 241,100 01 21)		
A, P	US 6,543,552 A (METCALFE et al) 08 April 2003 (08/04/2003), Figures 1-7.		1-15
	US 3,818,734 A (BATEMAN) 25 June 1974 (25/06/1974), see Figure 1.		1-15
Α	05 3,818,734 A (BATEMAN) 23 Julie 1974 (23/00/1974), See Figure 1.		1-13
A	US 2003/0024711 A1 (SIMPSON et al) 06 February 2003 (06/02/2003), Figure 2		1-15
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